*Review the term and definition provided. Write a word to remind you of the information, then draw a picture to show the term/ definition and write a sentence explaining the connection between your picture and the term/ definition.*

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| **Term** | **Picture** | **Picture Sentence** | **Definition** |
| **Population** |  |  | Generally, a group of organisms living close to one another that interbreed with one another and do not breed with other similar groups. |
| Reminding Word |
| **Gene Pool** |  |  | All of the genes in a population. Any genes that could wind up in the same individual through sexual reproduction. |
| Reminding Word |
| **Evolution** |  |  | Changes in gene frequency in a population from one generation to the next. |
| Reminding Word |
| **Natural selection** |  |  | A process in which some individuals have genetically-based traits that improve survival or reproduction and thus have more offspring surviving to reproductive age than other individuals. |
| Reminding Word |
| **Artificial Selection** |  |  | The process of changing the characteristics of animals by artificial manual means. a process in which humans consciously select for or against particular features in organisms. |
| Reminding Word |

**Select the Best Response:**

6. What is the relationship between the terms *Natural Selection* and *Evolution?*

A) they mean the same thing

B) Evolution works against natural selection

C) Evolution explains how natural selection works

D) Natural selection explains how evolution works

7. The theory of evolution combines the principles of

A) natural selection and artificial selection

B) natural selection and genetic resistance

C) selective breeding and genetic inheritance

D) natural selection and genetic inheritance

8. The development of the evolutionary theory has led to the understanding that the raw material for evolution is \_\_\_\_\_\_\_\_\_?

A) genes

B) traits

C) adaptation

D) competition

9. A group of similar organisms that can mate with one another to produce offspring is known as

A) fossils

B) species

C) evolution

10. A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ helps an organism survive better in its environment

A) adaptation

B) vestigial structure

SHORT ANSWER RESPONSE

11. In selective breeding, humans influence the course of evolution. What determines the course of evolution in natural selection?

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